AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-55. (Canceled)

56. (Currently Amended) A method of forming data units to a transmitted to a receiving side, the method being used in a radio link control layer of a communication device, comprising:

including a plurality of data units of an upper layer into a plurality of protocol data units of a lower layer;

providing a header for a current data unit of the lower layer; and

providing at least one length indicator for the header of the current data unit of the lower layer,

wherein a second length indicator indicating that a last segment of a data unit of the upper layer ends at an end of a previous data unit of the lower layer is not included in the current data unit of the lower layer when the previous data unit of the lower layer is exactly filled

with the last segment of the data unit of the upper layer and the previous data unit of the lower layer has a first length indicator indicating an end of the last segment of the data unit of the upper layer.

57. (Previously Presented) The method of claim 56, wherein the previous data unit of the lower layer has a third length indicator indicating that the previous data unit of the lower layer has padding having a length of zero.

58. (Previously Presented) The method of claim 56, wherein data units included in the previous and the current data units of the lower layer have variable sizes.

59. (Previously Presented) The method of claim 56, wherein the second length indicator has a value of "000 0000," if the size of the second length indicator is 7 bits.

60. (Previously Presented) The method of claim 56, wherein the second length indicator has a value of "000 0000 0000 0000," if the size of the second length indicator is 15 bits.

61. (Previously Presented) The method of claim 56, wherein the data unit of the upper

layer is a service data unit (SDU).

62. (Previously Presented) The method of claim 56, wherein the previous data unit of the lower layer and the current data unit of the lower layer are a protocol data unit (PDU), respectively.

63. (Currently Amended) A method of forming data units to be transmitted to a receiving side, the method being used in a radio link control layer of a communication device, comprising:

providing a first length indicator indicating an end of a last segment of a data unit of an upper layer for a first data unit of a lower layer including at least one data unit of the upper layer; and

providing at least one length indicator for a second data unit of the lower layer including at least one data unit of the upper layer,

wherein a second length indicator indicating that a last segment of a data unit of the upper layer ends at an end of a first data unit of the lower layer is not included in the second data unit of the lower layer when the first data unit of the lower layer is exactly filled with the last segment of the data unit of the upper layer.

64. (Previously Presented) The method of claim 63, further comprising providing a third length indicator indicating that the first data unit of the lower layer has padding, if the first data unit of the lower layer has the padding.

65. (Previously Presented) The method of claim 64, wherein the padding has a size of zero.

66. (Previously Presented) The method of claim 63, wherein data units included in the first and the second data units of the lower layer have variable sizes.

67. (Previously Presented) The method of claim 63, wherein the data unit of the upper layer is a service data unit (SDU).

68. (Previously Presented) The method of claim 63, wherein the first data unit of the lower layer and the second data unit of the lower layer are a protocol data unit (PDU), respectively.

[[67]]69. (Currently Amended) A method of forming protocol data units (PDUs) to be transmitted to a receiving side, the method being used in a radio link control layer of a

communication device, comprising:

providing a first length indicator indicating an end of a last segment of a service data unit (SDU) for a first protocol data unit (PDU) including at least one SDU; and

providing at least one length indicator for a second PDU including at least one SDU,

wherein a second length indicator indicating that a last segment of an SDU ends at an end of a first PDU is not included in the second PDU when the first PDU has a third length indicator indicating that the first PDU has padding, wherein the padding has a length of zero.

[[68]]70. (Currently Amended) The method of claim 66, wherein SDUs included in the first and the second PDUs have variable sizes.